



SEQUENCE LISTING

<110> Paul B. Fisher and Ruoquian Shen

<120> DEVELOPMENT OF DNA PROBES AND IMMUNOLOGICAL REAGENTS SPECIFIC FOR CELL SURFACE-EXPRESSED MOLECULES AND TRANSFORMATION-ASSOCIATED GENES

<130> 0667/37590-C-PCT-US

<140> 08/875,553

<141> 1998-05-26

<160> 43

<170> PatentIn version 3.0

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35      40      45
Val Leu Ile Val Ala Ala Gly Val Gly Glu Phe Glu Ala Gly Ile Ser
50      55      60
Lys Asn Gly Gln Thr Arg Gln His Ala Leu Leu Ala Tyr Thr Leu Gly
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Val Lys Gln Leu Ile Val Gly Val Asn Lys Met Asp Ser Thr Glu Pro

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 35 40 45
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 50 55 60
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 100 105 110
 Val Leu Ile Val Ala Ala Gly Val Gly Glu Phe Glu Ala Gly Ile Ser
 115 120 125
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 Pro Tyr Ser Gln Lys Arg Tyr Glu Glu Ile Val Lys Glu Val Ser Thr
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 Tyr Ile Lys Lys Ile Gly Tyr Asn Pro Asp Thr Val Ala Phe Val Pro
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 195 200 205
 Pro Trp Phe Lys Gly Trp Lys Val Thr Arg Lys Asp Gly Asn Ala Ser
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 225 230 235 240
 Pro Thr Asp Lys Pro Leu Arg Leu Pro Leu Gln Asp Val Tyr Lys Ile
 245 250 255
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 260 265 270
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 275 280 285
 Val Lys Ser Val Glu Met His His Glu Ala Leu Ser Glu Ala Leu Pro
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 Gly Asp Asn Val Gly Phe Asn Val Lys Asn Val Ser Val Lys Asp Val

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 Tyr Pro Pro Leu Gly Cys Phe Ala Val Arg Asp Met Arg Gln Thr Val
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 Ile Val Ile Arg Gly His Val Pro Ser Asp Ala Asp Arg Phe Gln Val
 35 40 45
 Asp Leu Gln Asn Gly Ser Ser Val Lys Pro Arg Ala Asp Val Ala Phe
 50 55 60
 His Phe Asn Pro Arg Phe Lys Arg Ala Gly Cys Ile Val Cys Asn Thr
 65 70 75 80
 Leu Ile Asn Glu Lys Trp Gly Arg Glu Glu Ile Thr Tyr Asp Thr Pro
 85 90 95
 Phe Lys Arg Glu Lys Ser Phe Glu Ile Val Ile Met Val Leu Lys Asp
 100 105 110
 Lys Phe Gln Val Ala Val Asn Gly Lys His Thr Leu Leu Tyr Gly His
 115 120 125
 Arg Ile Gly Pro Glu Lys Ile Asp Thr Leu Gly Ile Tyr Gly Lys Val
 130 135 140
 Asn Ile His Ser Ile Gly Phe Ser Phe Ser Ser Asp Leu Gln Ser Thr
 145 150 155 160
 Gln Ala Ser Ser Leu Glu Leu Thr Glu Ile Val Arg Glu Asn Val Pro
 165 170 175
 Lys Ser Gly Thr Pro Gln Leu Ser Leu Pro Phe Ala Ala Arg Leu Asn
 180 185 190
 Thr Pro Met Gly Pro Gly Arg Thr Val Val Val Gln Gly Glu Val Asn
 195 200 205
 Ala Asn Ala Lys Ser Phe Asn Val Asp Leu Leu Ala Gly Lys Ser Lys
 210 215 220
 Asp Ile Ala Leu His Leu Asn Pro Arg Leu Asn Ile Lys Ala Phe Val
 225 230 235 240
 Arg Asn Ser Phe Leu Gln Glu Ser Trp Gly Glu Glu Glu Arg Asn Ile
 245 250 255
 Thr Ser Phe Pro Phe Ser Pro Gly Met Tyr Phe Glu Met Ile Ile Tyr
 260 265 270
 Cys Asp Val Arg Glu Phe Lys Val Ala Val Asn Gly Val His Ser Leu
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 Glu Tyr Lys His Arg Phe Lys Glu Leu Ser Ser Ile Asp Thr Leu Glu
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<400> 31

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 Thr Glu Gln Arg Glu Gly Gly Phe Pro Phe Leu Gln Gly Glu
 35 40 45

<210> 32
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<400> 32

Ser Thr His Leu Gly Leu His Phe Asn Pro Arg Phe Asn Ala His Gly
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 20 25 30
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<400> 34

Ser Asn Asn Leu Cys Leu His Phe Asn Pro Arg Phe Asn Ala His Gly
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 35 40 45

<210> 36
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<400> 36

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<210> 37
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 <212> PRT
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<400> 37

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 Arg Glu Ala Val Phe Pro Phe Gln Pro Gly Ser
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<210> 38
 <211> 42
 <212> PRT
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<400> 38

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 Glu Asp His Leu Cys Phe Ser Pro Gly Ser
 35 40

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<400> 39

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<211> 46

<212> PRT

<213> Human

<400> 40

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Lys Glu Glu Arg Lys Ser Ala Phe Pro Phe Glu Cys Gly Asn
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<210> 41

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<213> Human

<400> 41

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<210> 42

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<212> PRT

<213> Human

<400> 42

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Glu Glu Arg Gln Ser Val Phe Pro Phe Glu Ser Gly Lys
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<210> 43

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<212> PRT

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<400> 43

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20 25 30

Ile Thr Tyr Asp Thr Pro Phe Lys Arg Glu Lys
35 40